

ABSTRACT

A fire fighting vehicle includes a turret and a turret controller. The turret includes a base which is coupled to the vehicle, and the turret is configured to rotate relative to the vehicle at the base. The turret controller is configured to use feedback control to control the movement of the turret from a first position where the turret is positioned at a first angle of rotation at the base to a second position where the turret is positioned at a second angle of rotation at the base, where the first and second angles are different.